

1.0 Executive Summary

This report summarizes the drilling and completion of TM Deer Park Services Limited Partnership's (TMDP) new commercial Class I hazardous waste disposal well, WDW-422, located at their facility in Deer Park, Texas. The construction and testing activities were conducted to meet the underground injection control (UIC) requirements and guidelines of the Texas Commission on Environmental Quality (TCEQ) under Title 30, Chapter 331 of the Texas Administrative Code (30 TAC §331), which pertains to Class I waste disposal well construction, testing, and certification. Additionally, specific permit conditions for WDW-422 were followed as approved May 28, 2009 and amended on May 6, 2016.

Drilling, completion, mechanical integrity and reservoir testing activities were conducted during the period from March 14 to May 7, 2018. Figure 1-1 provides an as-completed well diagram for WDW-422. All facets of the mechanical integrity testing proved the mechanical integrity of WDW-422. The reservoir tests yielded analyzable data and a valid observation of the falloff curve. Details are provided in the sections to follow.

TMDP operates two other commercial Class I wells at their site, WDW-169 and WDW-249. WDW-169 has been in service since 1981 and WDW-249 has been in service since 1993. The TMDP site has been in continuous service as a commercial Class I hazardous facility since 1981.